



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

JAMES B. HUNT JR.
GOVERNOR

DIVISION OF HIGHWAYS
P.O. BOX 25201, RALEIGH, N.C. 27611-5201

R. SAMUEL HUNT III
SECRETARY

PROGRAM DEVELOPMENT BRANCH

March 28, 1996

MEMORANDUM

TO: Whitmel H. Webb, P. E.
Manager of Program Development Branch

THRU: David G. Modlin, Jr., P. E.
Head of Feasibility Studies

FROM: David Conner
Feasibility Studies Engineer

SUBJECT: U-3412, Dickerson Boulevard Extension/Monroe Western Loop, Union County

Per your recent request, the cost of constructing the Dickerson Boulevard Extension/Monroe Western Loop has been investigated.

The studied cross section is a 2-lane roadway with a 24-foot (7.3-m) wide pavement and soil shoulders. The project is broken into three segments as follows:

1. NC 200 (Lancaster Avenue) to NC 75 (Waxhaw Road)
2. NC 75 (Waxhaw Road) to SR 1162 (Gold Mine Road)
3. SR 1162 (Gold Mine Road) to SR 1009 (Charlotte Avenue)

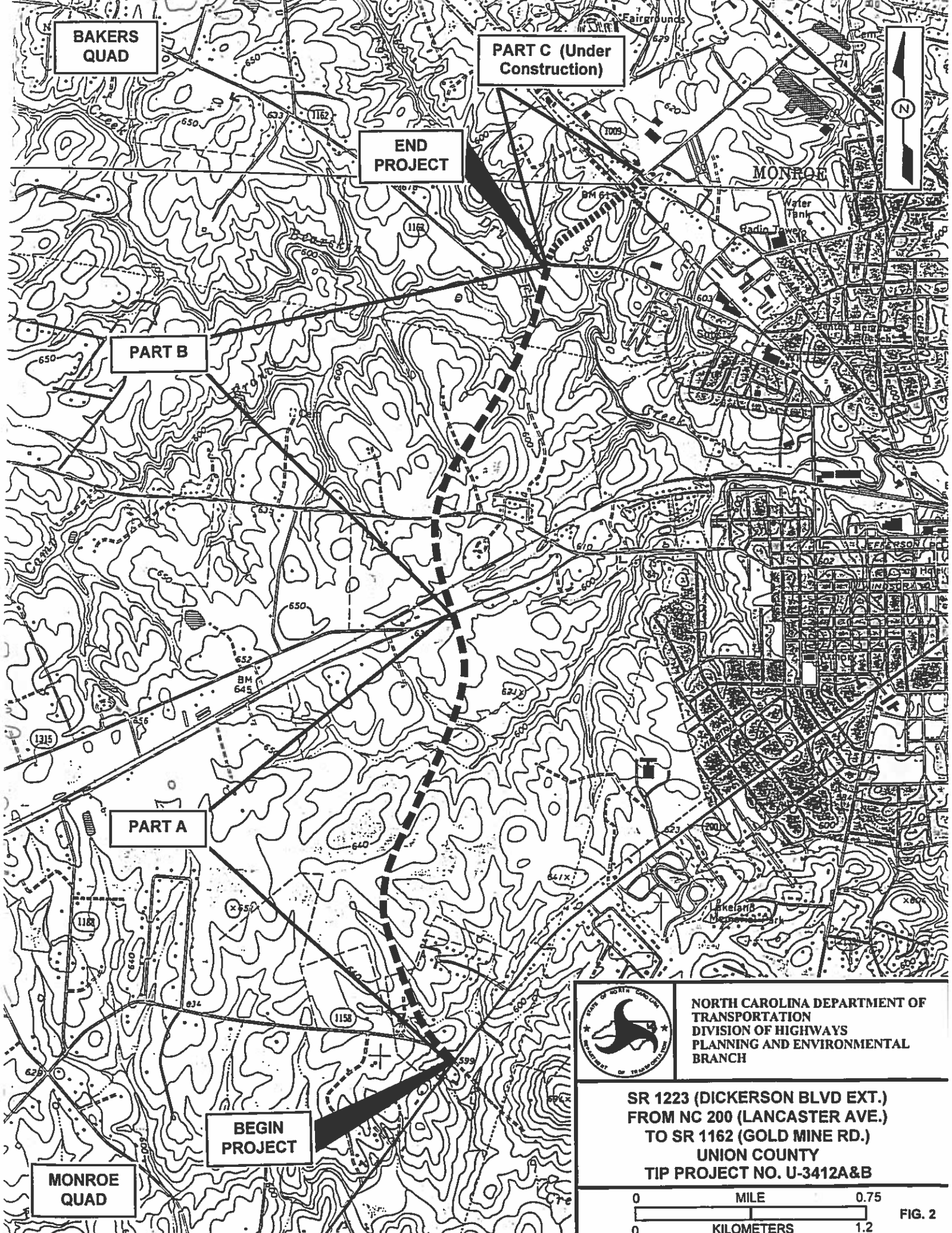
Sufficient time was not available to request formal right-of-way cost estimates. Therefore, right-of-way estimates have been prepared on a "per mile" basis using the previous per mile estimates for the "Monroe Bypass Extension" (R-3329). A site visit indicates that the two areas are comparable.

Railroad crossings will be necessary near NC 75 and Charlotte Avenue.



The estimated costs of right-of-way and construction for the 2-lane roadway on 5-lane right-of-way is as tabulated below.

Segment	Length (miles)	Right of Way Cost	Construction Cost	Total Cost
Lancaster Avenue to NC 75	1.44	\$1,605,000	\$2,700,000	\$4,305,000
NC 75 to Gold Mine Road	1.50	\$630,000	\$4,900,000	\$5,530,000
Gold Mine Road to Charlotte Avenue	0.56	\$1,235,000	\$3,200,000	\$4,435,000
Totals	3.5	\$3,470,000	\$10,800,000	\$14,270,000



NORTH CAROLINA DEPARTMENT OF
TRANSPORTATION
DIVISION OF HIGHWAYS
PLANNING AND ENVIRONMENTAL
BRANCH

SR 1223 (DICKERSON BLVD EXT.)
FROM NC 200 (LANCASTER AVE.)
TO SR 1162 (GOLD MINE RD.)
UNION COUNTY
TIP PROJECT NO. U-3412A&B

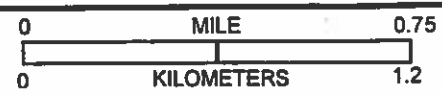


FIG. 2